

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |                      |
|------------------------|----------------------|
| Application Number     | 10047352             |
| Filing Date            | 2002-01-14           |
| First Named Inventor   | Renji Yang           |
| Art Unit               | 1649                 |
| Examiner Name          | Robert Clinton Hayes |
| Attorney Docket Number | 0109015-024          |

**U.S.PATENTS****Remove**

| Examiner Initial* | Cite No | Patent Number | Kind Code <sup>1</sup> | Issue Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|---------------|------------------------|------------|---|--|
| /R.H./            | 1       | 5166065       |                        | 1992-11-24 | Williams et al.                                 |  |
| /R.H./            | 2       | 6497872       |                        | 2002-12-27 | Weiss. et al.                                   |  |

If you wish to add additional U.S. Patent citation information please click the Add button.

**Add****U.S.PATENT APPLICATION PUBLICATIONS****Remove**

| Examiner Initial* | Cite No | Publication Number | Kind Code <sup>1</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear |
|-------------------|---------|--------------------|------------------------|------------------|---|--|
|                   | 1       |                    |                        |                  |   |  |

If you wish to add additional U.S. Published Application citation information please click the Add button.

**Add****FOREIGN PATENT DOCUMENTS****Remove**

| Examiner Initial* | Cite No | Foreign Document Number <sup>3</sup> | Country Code <sup>2</sup> | Kind Code <sup>4</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear | T <sup>5</sup>           |
|-------------------|---------|--------------------------------------|---------------------------|------------------------|------------------|---|--|--------------------------|
|                   | 1       |                                      |                           |                        |                  |   |  | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

**Add****NON-PATENT LITERATURE DOCUMENTS****Remove**

|  |  |                        |                      |
|--|--|------------------------|----------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>( Not for submission under 37 CFR 1.99)</i> |  | Application Number     | 10047352             |
|  |  | Filing Date            | 2002-01-14           |
|  |  | First Named Inventor   | Renji Yang           |
|  |  | Art Unit               | 1649                 |
|  |  | Examiner Name          | Robert Clinton Hayes |
|  |  | Attorney Docket Number | 0109015-024          |

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T5                       |
|--------------------|---------|---|--------------------------|
| /R.H./             | 1       | Bartlett et al., Immortalization of mouse neural precursor cells by the c-myc oncogene, Proc. Natl. Acad. Sci. USA Vol. 85, pp. 3255-3259, May 1998 Neurobiology<br><br><b>duplicate citation w/ 1/14/02 IDS</b>  | <input type="checkbox"/> |
|                    | 2       | Bernard et al., Role of c-myc and the N-myc Proto-Oncogenes in the Immortalization of Neural Precursors, Journal of Neuroscience Research, pp. 9-20 (1989)<br><br><b>duplicate citation w/ 1/14/02 IDS</b>  | <input type="checkbox"/> |
|                    | 3       | Bredesen et al., Neural Transplantation Using Temperature-sensitive Immortalized Neural Cells: A Preliminary Report, Ann. Neurol, pp. 205-207 (1990)  | <input type="checkbox"/> |
|                    | 4       | Conover et al., Ciliary Neurotrophic Factor Maintains the Pluripotentiality of Embryonic Stem Cells, Development 119, pp. 559-565 (1993)  | <input type="checkbox"/> |
|                    | 5       | Escary et al., Leukaemia Inhibitory Factor is Necessary for Maintenance of Haematopoietic Stem Cells and Thymocyte Stimulation, Nature, Vol. 363, pp. 361-364 (May 27, 1993)  | <input type="checkbox"/> |
|                    | 6       | Evrard et al., Immortalization of bipotential and plastic glial-neuronal precursor cells, Proc. Natl. Acad. Sci. USA Vol. 88, pp. 3062-3066, April 1990 Developmental Biology   | <input type="checkbox"/> |
|                    | 7       | Guentert-Lauber, et al., Responsiveness of Astrocytes in Serum-Free Aggregate Cultures to Epidermal Growth Factor: Dependence on the Cell and the Epidermal Growth Factor Concentration, Dev. Neurosci. 7: pp.286-295 (1985)                                    | <input type="checkbox"/> |
|                    | 8       | Hollenberg et al., Epidermal Growth Factor: Receptors in Human Fibroblasts and Modulation of Action by Cholera Toxin, Proc. Natl. Acad. Sci. USA Vol.70, No. 10, pp. 2964-2968 (1973)   | <input type="checkbox"/> |
|                    | 9       | Monnet-Tschudi et al., Influence of Epidermal Growth Factor on the Maturation of Fetal Rat Brain Cells in Aggregate Culture, Dev. Neurosci. 11: pp. 30-40 (1989)  | <input type="checkbox"/> |
| ↓                  | 10      | Murphy et al., Fibroblast Growth Factor Stimulates the Proliferation and Differentiation of Neural Precursor Cells in Vitro, Journal of Neuroscience Research 25: pp. 463-475 (1990)  | <input type="checkbox"/> |

|  |  |                        |                      |
|--|--|------------------------|----------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>( Not for submission under 37 CFR 1.99)</i> |  | Application Number     | 10047352             |
|  |  | Filing Date            | 2002-01-14           |
|  |  | First Named Inventor   | Renji Yang           |
|  |  | Art Unit               | 1649                 |
|  |  | Examiner Name          | Robert Clinton Hayes |
|  |  | Attorney Docket Number | 0109015-024          |

|        |    |   |                          |
|--------|----|---|--------------------------|
| /R.H./ | 11 | Pulliam et al., A Normal Human Brain Cell Aggregate Model for Neurobiological Studies, Journal of Neuroscience Research 21: pp. 521-530 (1988)  | <input type="checkbox"/> |
|        | 12 | Resnick et al., Long-term Proliferation of Mouse Primordial Germ Cells in Culture, Nature, Vol. 359, pp. 550-551 (October 8, 1992)  | <input type="checkbox"/> |
|        | 13 | Rudland et al., Growth Control in Cultured Mouse Fibroblasts: Induction of the Pleiotypic and Mitogenic Responses by a Purified Growth Factor, Proc. Natl. Acad. Sci. USA Vol.71, No. 7, pp. 2600-2604 (1974)                       | <input type="checkbox"/> |
|        | 14 | Weiss, et al.; Reexamination Control No. 90/008366 for Patent No. 7,101,709, Methods of Screening Biological Agents   | <input type="checkbox"/> |
|        | 15 | Weiss, et al.; Reexamination Control No. 90/008366 for Patent No. 7,101,709, Methods of Screening Biological Agents; Office Action in Ex Parte Reexamination  | <input type="checkbox"/> |
|        | 16 | Weiss, et al.; Reexamination Control No. 90/008367 for Patent No. 6,294,346, Use of Multipotent Neural Stem Cells and Their Progeny for the Screening of Drugs and Other Biological Agents  | <input type="checkbox"/> |
|        | 17 | Weiss, et al.; Reexamination Control No. 90/008367 for Patent No. 6,294,346, Use of Multipotent Neural Stem Cells and Their Progeny for the Screening of Drugs and Other Biological Agents; Office Action in Ex Parte Reexamination | <input type="checkbox"/> |
|        | 18 | Carpenter; Reexamination Control No. 90/008862 for Patent No. 6,103,530, Cultures of Human CNS Neural Stem Cells  | <input type="checkbox"/> |
|        | 19 | Weiss, et al.; Reexamination Control No. 90/008580 for Patent No. 5,851,832, In Vitro Growth and Proliferation of Multipotent Neural Stem Cells and Their Progeny   | <input type="checkbox"/> |
|        | 20 | Weiss, et al.; Reexamination Control No. 90/008580 for Patent No. 5,851,832, In Vitro Growth and Proliferation of Multipotent Neural Stem Cells and Their Progeny; Office Action in Ex Parte Reexamination                          | <input type="checkbox"/> |
| ↓      | 21 | Weiss, et al.; Reexamination Control No. 90/008581 for Patent No. 6,497,872, Neural Transplantation Using Proliferated Multipotent Neural Stem Cells and Their Progeny  | <input type="checkbox"/> |

|  |                        |                      |
|--|------------------------|----------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><b>( Not for submission under 37 CFR 1.99)</b> | Application Number     | 10047352             |
|  | Filing Date            | 2002-01-14           |
|  | First Named Inventor   | Renji Yang           |
|  | Art Unit               | 1649                 |
|  | Examiner Name          | Robert Clinton Hayes |
|  | Attorney Docket Number | 0109015-024          |

|        |    |   |                          |
|--------|----|---|--------------------------|
| /R.H./ | 22 | Weiss, et al.; Reexamination Control No. 90/008581 for Patent No. 6,497,872, Neural Transplantation Using Proliferated Multipotent Neural Stem Cells and Their Progeny; Office Action in Ex Parte Reexamination | <input type="checkbox"/> |
|--------|----|---|--------------------------|

If you wish to add additional non-patent literature document citation information please click the Add button

#### EXAMINER SIGNATURE

|                    |                |                 |            |
|--------------------|----------------|-----------------|------------|
| Examiner Signature | /Robert Hayes/ | Date Considered | 07/02/2008 |
|--------------------|----------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.